

REMARKS**I. Status of the Claims**

Claims 1-27 are currently pending.

By this Amendment, claims 1, 3, 5, 9-12 and 14-27 have been amended and claim 4 has been canceled without prejudice or disclaimer. No new matter has been introduced by this Amendment. Upon entry of this Amendment, claims 1-3 and 5-27 would be pending.

II. Supplemental Preliminary Amendment

Upon review of the Office Action, it was noticed that a Supplemental Preliminary Amendment filed on May 15, 2003 was not acknowledged by the Examiner in the Action. A copy of the Supplemental Preliminary Amendment, Certificate of Mailing and stamped return postcard indicating receipt by the USPTO on May 19, 2003 are enclosed herewith. Applicant respectfully request entry of the Supplemental Preliminary Amendment.

III. Rejections under 35 U.S.C. §§ 102 and 103

Claims 1-4, 6-9, 11-12, 14-16, 18-20, 22, 24 and 26 have been rejected under 35 U.S.C. §102 as being anticipated by Amin et al. (U.S. Patent No. 6,411,807). Claims 5, 10, 13, 17, 21, 23, 25 and 27 have been rejected under 35 U.S.C. §103(a) as being unpatentable over Amin et al. (U.S. Serial No. 6,411,807) in view of Boltz (U.S. Patent No. 6,311,055). Applicant respectfully traverses the rejection of these claims for the following reasons.

Independent claims 1, 9, 12, 15, 16, 19, 20, 22, 24 and 26 are directed to various arrangements in which, in a registration mode, a base station signal is transmitted from the base

station and a transmission of signal from a communication apparatus which has been registered is restricted.

In contrast, Amin merely discloses that a denial of registration message is returned to a VRL (e.g., Col. 6, line 67 to Col. 7, line 1) when a registration procedure is initiated (e.g., “201” of Fig. 2). Amin, however, does not disclose or suggest that, in a registration mode, a base station signal is transmitted from the base station and a transmission signal from a communication apparatus which has been registered is restricted.

The remaining cited reference Boltz does not remedy these deficiencies in the Amin teachings. For example, Boltz discloses that a mobile station initiates a call and a MSC/VLR transmits a call reject message (e.g., Col. 7, line 50-52). Boltz, however, does not disclosed or suggest that, in a registration mode, a base station signal is transmitted from the base station and a transmission of signal from a communication apparatus which has been registered is restricted.

Accordingly, claims 1, 9, 12, 15, 16, 19, 20, 22, 24 and 26 and their dependent claims are patentably distinguishable over the cited references, individually or in combination.

CONCLUSION

Based on the foregoing amendments and remarks, Applicants respectfully request reconsideration and withdrawal of the rejection of claims and allowance of this application.

AUTHORIZATION

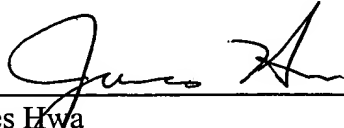
The Commissioner is hereby authorized to charge any additional fees which may be required for consideration of this Amendment to Deposit Account No. 13-4503, Order No. 1232-4739. A DUPLICATE OF THIS DOCUMENT IS ATTACHED.

In the event that an extension of time is required, or which may be required in addition to that requested in a petition for an extension of time, the Commissioner is requested to grant a petition for that extension of time which is required to make this response timely and is hereby authorized to charge any fee for such an extension of time or credit any overpayment for an extension of time to Deposit Account No. 13-4503, Order No. 1232-4739. A DUPLICATE OF THIS DOCUMENT IS ATTACHED.

Respectfully submitted,
MORGAN & FINNEGAN, L.L.P.

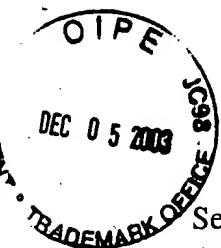
Dated: December 4, 2003

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Serial No. : 09/904,628
Applicant(s) : Kenishi FUJII
Filed : July 13, 2001
Title : WIRELESS COMMUNICATION APPARATUS

Art Unit : 2681
Examiner : To Be Assigned

Docket No. : 1232-4739

RECEIVED

DEC 08 2003

Technology Center 2600

SUPPLEMENTAL PRELIMINARY AMENDMENT

Mail Stop _____
Honorable Commissioner Of Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

Sir:

Please amend the above-identified application as follows:

Amendments to the Specification begin on page 2 of this paper.

Amendments to the Claims are reflected in the listing of claims which begins on page 3 of this paper.

Remarks begin on page 10 of this paper.

Amendments to the Specification:

Please DELETE the fourth full paragraph of page 21 ("When the subscriber registration . . .") and SUBSTITUTE therefore the following paragraph:

--When the subscriber registration of the wireless terminal apparatus 103 can succeed, the wireless base station 111 releases the subscriber registration mode (step S509). In other words, the wireless base station 111 releases setting of the restriction notification signal area 306 of the RAM 304, and then set such a fact that the present mode is the normal mode into a normal notification signal area.--

Please DELETE the fourth full paragraph of page 35 ("Fig. 11A to Fig. 11C are flow charts for . . .") and SUBSTITUTE therefore the following paragraph:

--Fig. 11A to Fig. 11C are flow charts for explaining operation of the control unit 901 employed in the wireless terminal apparatus 102 and 103. This flow chart indicates a portion of a computer program which is stored in the memory 901M and is readable by the control unit 901. It should be understood that the wireless terminal apparatus 102 and 103, and the wireless base station 111 are operated as follows, since the control unit 901 and the control unit 301 execute the programs which are stored in the memory 901M and the memory 301M.--

Amendments to the Claims:

This listing of claims will replace all prior listings claims in the application.

Claim 1. (original). A registering method for registering a communication apparatus which has not yet been registered, comprising:

a restriction step for restricting a transmission of a signal transmitted from a communication apparatus which has already been registered in a registration mode for registering the communication apparatus which has not yet been registered.

Claim 2. (original). A registering method as claimed in claim 1 wherein:
said restriction step restricts a transmission of a signal used to produce an outgoing call from the communication apparatus which has already been registered in said registration mode.

Claim 3. (original). A registering method as claimed in claim 1 wherein:
said restriction step restricts the transmission of the signal from the communication apparatus which has already been registered in response to a base station signal which is transmitted by a base station in the registration mode.

Claim 4. (original). A registering method as claimed in claim 1 wherein:
in said restriction step, a base station transmits a base station signal for restricting the transmission of the signal from the communication apparatus which has already been registered in the registration mode.

Claim 5. (currently amended). A registering method as claimed in claim 1 wherein:

in said restriction step, a base station transmits any one of a first base station signal and a second base station signal depending on whether or not the registration mode is set; said first base station signal is used to restrict the transmission of the signal from the communication apparatus which has already been registered; and said second base station signal

is used not to restrict the transmission of the signal from the communication apparatus which has already been registered.

Claim 6. (original). A registering method as claimed in claim 1 wherein:
in said restriction step, the communication apparatus which has already been registered sets a restriction mode for restricting the transmission of the signal in response to a base station signal which is transmitted by a base station in the registration mode.

Claim 7. (original). A registering method as claimed in claim 1 wherein:
in said restriction step, the communication apparatus which has already been registered restricts the transmission of the signal in response to a base station signal which is transmitted by a base station in accordance with an instruction for setting the registration mode issued from a host which is connected via a public line.

Claim 8. (original). A registering method as claimed in claim 1 wherein:
said signal, the transmission of which is restricted in said restriction step, is transmitted upon releasing of the registration mode.

Claim 9. (original). A communication system in which a base station transmits a base station signal, and a communication apparatus which has not yet been registered performs a communication for registration between the communication apparatus and the base station, wherein:

a communication apparatus which has already been registered restricts a transmission of a signal in response to a base station signal which is transmitted from the base station in a mode for registering the communication apparatus which has not yet been registered.

Claim 10 (currently amended). A communication system as claimed in claim 9 wherein:

a base station transmits any one of a first base station signal and a second base station signal depending on whether or not the registration mode is set; said first base station signal is used to restrict the transmission of the signal from the communication apparatus which

has already been registered; and said second base station signal is used not to restrict the transmission of the signal from the communication apparatus which has already been registered.

Claim 11. (original). A communication system as claimed in claim 9 wherein:
the communication apparatus which has already been registered restricts the transmission of the signal in response to a base station signal which is transmitted by a base station in accordance with an instruction for setting the registration mode issued from a host which is connected via a public line.

Claim 12. (original). A base station comprising:
communication means for performing a communication for a registration between the communication means and a communication apparatus which has not yet been registered;
and

transmission means for transmitting a base station signal used to restrict a transmission of a signal from a communication apparatus which has already been registered in a mode for registering the communication apparatus which has not yet been registered.

Claim 13. (currently amended). A base station as claimed in claim 12 wherein:

said transmission means transmits any one of a first base station signal and a second base station signal depending on whether or not the registration mode is set; said first base station signal is used to restrict the transmission of the signal from the communication apparatus which has already been registered; and said second base station signal is used not to restrict the transmission of the signal from the communication apparatus which has already been registered.

Claim 14. (original). A base station as claimed in claim 12 wherein:
said transmission means transmits a base station signal which restricts the transmission of the signal from the communication apparatus which has already been registered in accordance with an instruction for setting the registration mode issued from a host which is connected via a public line.

Claim 15. (original). A communication apparatus comprising:

communication means for performing a communication of a registration between the communication means and a base station in response to a base station signal; and

restriction means for restricting a transmission of a signal when the registration has already been accomplished in response to a base station signal transmitted from the base station in a mode for registering a communication apparatus which has not yet been registered.

Claim 16. (original). A program used for a base station, or a storage medium for storing therein said program, comprising:

a first program step for performing a communication for registration between the base station and a communication apparatus which has not yet been registered; and

a second program step for transmitting a base station signal used to restrict a transmission of a signal from a communication apparatus which has already been registered in a mode used for registering a communication apparatus which has not yet been registered.

Claim 17. (currently amended). A program, or a storage medium as claimed in claim 16 wherein:

in said second program step, any one of a first base station signal and a second base station signal is transmitted depending on whether or not the registration mode is set; said first base station signal is used to restrict the transmission of the signal from the communication apparatus which has already been registered; and said second base station signal is used not to restrict the transmission of the signal from the communication apparatus which has already been registered.

Claim 18. (original). A program, or a storage medium as claimed in claim 16 wherein:

in said second program step, in response to an instruction for setting a registration mode issued from a host connected via a public line, a base station signal is transmitted which restricts a transmission of a signal from a communication apparatus which has not yet been registered.

Claim 19. (original). A program used for a communication apparatus, or a storage medium for storing therein said program, comprising:

a first program step for performing a communication for registration between the communication apparatus and a base station in response to a base station signal; and

a second program step for restricting a transmission of a signal when a registration has already been completed in response to a base station signal transmitted from a base station in a mode for registering a communication apparatus which has not yet been registered.

Claim 20. (original). A communication system comprising a communication apparatus and a base station, wherein:

said base station is connected via a public line to a host, and transmits a base station signal in response to a request issued from the host; and

said communication apparatus restricts a transmission of a signal in response to a base station signal.

Claim 21. (original). A communication system as claimed in claim 20 wherein:

said base station selects any one of a first base station signal and a second base station signal; said first base station signal restricts a transmission of a signal from a communication apparatus; and said second base station signal does not restrict the transmission of the signal from the communication apparatus.

Claim 22. (original). A base station comprising:

reception means for receiving a request issued from a host connected via a public line to said base station; and

transmission means for transmitting a base station signal for restricting a transmission of a signal from a communication apparatus in response to the request issued from said host.

Claim 23. (original). A base station as claimed in claim 22 wherein:

said transmission means selects any one of a first base station signal and a second base station signal; said first base station signal restricts a transmission of a signal from a communication apparatus; and said second base station signal does not restrict the transmission of the signal from the communication apparatus.

Claim 24. (original). A signal transmission restricting method comprising:
a reception step for receiving a request issued from a host connected via a public line to said base station; and
a transmission step for transmitting a base station signal for restricting a transmission of a signal from a communication apparatus in response to the request issued from said host.

Claim 25. (original). A signal transmission restricting method as claimed in claim 24 wherein:
said transmission step selects any one of a first base station signal and a second base station signal; said first base station signal restricts a transmission of a signal from a communication apparatus; and said second base station signal does not restrict the transmission of the signal from the communication apparatus.

Claim 26. (original). A signal transmission restricting program, or a storage medium for storing therein said program, comprising:
a first program step for receiving a request issued from a host connected via a public line; and
a second program step for transmitting a base station signal for restricting a transmission of a signal from a communication apparatus in response to said request issued from the host.

Claim 27. (original). A signal transmission restricting program, or a storage medium as claimed in claim 26 wherein:
said second program step selects any one of a first base station signal and a second base station signal; said first base station signal restricts a transmission of a signal from a

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Paper dated May 15, 2003

communication apparatus; and said second base station signal does not restrict the transmission of the signal from the communication apparatus.

REMARKS

Entry of the above amendments is requested. In reviewing the specification, it was discovered that single lines of text were erroneously omitted from the paragraphs bridging pages 21-22 and pages 35-36 of the specification as originally filed. In particular, the first line of text states "When the subscriber registration of the wireless," and the second line of text states "which is stored in the memory 901M and is readable by." Respectfully, Applicants assert that entry of these amendments would not constitute new matter because support is found throughout the specification as originally filed. *See, e.g.*, Figures 1 and 11A-11C.

In reviewing the claims, it was discovered that the word "signal" was accidentally omitted from claims 5, 10, 13, and 17. Again, Applicants assert that entry of these amendments would not constitute new matter

CONCLUSION

In the event that a telephone conference would facilitate the examination of this application in any way, the Examiner is invited to contact the undersigned at the number provided.

THE COMMISSIONER IS HEREBY AUTHORIZED TO CHARGE ANY ADDITIONAL FEES WHICH MAY BE REQUIRED FOR THE TIMELY CONSIDERATION OF THIS AMENDMENT UNDER 37 C.F.R. §§ 1.16 AND 1.17, OR CREDIT ANY OVERPAYMENT TO DEPOSIT ACCOUNT NO. 13-4500, ORDER NO. 1232-4739.

Respectfully submitted,
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Dated: May 15, 2003

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